
Introduction

Flexible Numbering Plan (FNP) package 160 was introduced to the International marketplace as part of the X11 with Supplementary Features Group E (Phase 5) Release.

FNP accommodates Global Numbering Plan requirements by modifying the Electronic Switched Network (ESN) dialing plan. The dialing plans are divided into two areas:

- **On-network (on-net) dialing**—which deals with all the possible dialing situations required when dialing to a station located within the Local (private) Network, and
- **Off-network (off-net) dialing**—which deals with all the possible dialing situations required when dialing to a station that is not part of the Local Network (typically the Public Numbering Plan).

FNP was enhanced in the Group F (Phase 6Biv) Release to include the ability of inhibiting the time out handling process for ESN Basic Alternate Route Selection (BARS) and Network Alternate Route Selection (NARS) Special Numbers (SPN) and Coordinated Dialing Plan (CDP) Trunk Steering Codes (TSC). The enhancement ensures that all digits are collected prior to seizing a trunk. This enhancement meets Chinese requirements.

FNP was again enhanced in the Group G (Phase 7) Release to include Supplemental Digit Restriction or Recognition (SDRR). With this functionality FNP is able to analyze up to 16 digits.

Network Alternate Route Selection (NARS) package 58 is a prerequisite for FNP.

With X11 Release 20, FNP was introduced to the Global marketplace.

With X11 Release 23, Flexible Numbering Plan Enhancement (FPE) allows the FNP feature to be enabled/disabled at the customer level in Overlay 15 without changing the functionality of FNP.

FNP interacts with both NARS and Coordinated Dialing Plan (CDP) to introduce:

- Universal Numbering Plan (UNP),
- Transferrable Directory Numbers (TNDN),
- Group Dialing Plan (GDP),
- Varying Length DN on a node, and
- Free Special Number Screening (FSNS).